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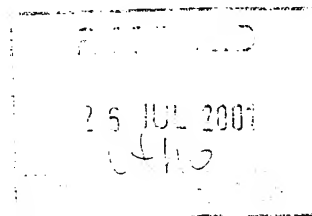
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(54) Title: METHOD FOR THE IDENTIFICATION OF A RECEPTOR

(57) Abstract: A method for the identification and characterization of a receptor in target tissue for which a selected vector has affinity, wherein a transfected cell line expressing the receptor is added to a suspension of encapsulated microbubbles to which the selected vector is coupled and allowing the microbubbles and cells coupled thereto to float to the surface of the suspension. Upon isolating the microbubble-bound cells at the surface, these may be cultured to study the receptor, or cells may be lysed, amplifying the receptor-encoding cDNA and sequencing the cDNA.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NO 00/00245

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C12N 15/10, B03D 1/016, G01N 33/53, C12Q 1/68
According to International Patent Classification (IPC) or to such national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C12Q, C12N, B03D, G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, DIALOG, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 9955837 A2 (NYCOMED IMAGING AS), 4 November 1999 (04.11.99), page 11, line 36 - page 12, line 9; page 12, line 30 - line 35; page 17, line 27 - line 35 --	1-9
A	WO 9818500 A2 (NYCOMED IMAGING AS), 7 May 1998 (07.05.98), page 44, line 1 - line 11; page 140, line 9 - line 33 -- -----	1-9

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents	17 Later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
(A) document defining the general state of the art which is not considered to be of particular relevance	18 document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
(B) earlier application or patent but published on or after the international filing date	19 document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
(C) document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another document or other special reason (as specified)	20 document member of the same patent family
(D) document referring to an oral disclosure, use, exhibition or other means	
(P) document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search Date of mailing of the international search report

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SA 294389

Information on patent family members

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